L Number	Hits	Search Text	DB	Time stamp
1	0	("graded near12 active and (light-emitting or light adj emitting).ti,ab,clm.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 13:10
2	90	graded near12 active and (light-emitting or light adj emitting).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 13:44
3	5	graded near12 active near12 (match$3 or lattice-match$3) and (light-emitting or light adj emitting).ti,ab,clm. and GaAs	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:24
4	2	("6072189").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:24
5	4	("5476811").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:32
6	0	step-wise near3 graded near6 (match$3 or lattice-match$3) and (light-emitting or light adj emitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:33
7	2	step-wise near3 graded and (light-emitting or light adj emitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:34
8	2	step-wise near3 graded adj layer and (light-emitting or light adj emitting or laser)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:36
9	16	step near3 graded adj layer and (light-emitting or light adj emitting or laser)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:37
10	10	step near3 graded adj layer and (light-emitting or light adj emitting or laser).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:39
11	3	step-graded adj layer and (light-emitting or light adj emitting or laser).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:41
12	7	step-graded near3 layer and (light-emitting or light adj emitting or laser).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:53
13	4	895213.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:56

C:\APPS\east\workspaces\workspaces\09895213.wsp

14	13	step-wise near3 (layer or multi-graded or multi-layer) and (light-emitting or light adj emitting or laser).ti,ab,clm. and (match$3 or lattice-match$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/02 15:58
-	0	triode adj (light-emitting or led).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 09:51
-	2	triode adj (light-emitting or led).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 17:48
-	11	triode near4 (light-emitting or led).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 17:51
-	0	triode near4 (light-emitting or led).ti,ab,clm. and graded near4 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 17:50
-	290	(257/101).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 17:51
-	15	((257/101).CCLS.) and (high-frequency or GHz or gigahertz)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:02
-	7	((257/101).CCLS.) and (high-frequency or GHz or gigahertz) and (graded or transition$2) near12 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:14
-	4	((257/101).CCLS.) and graded near4 (layer or film) near12 offset near12 band	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:21
-	9	257/$6.ccls. and graded near4 (layer or film) near12 offset near12 band	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:25
-	361	257/101	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:25
-	9	257/101 and offset and (graded or transition$2) near12 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:33
-	2	(257/101 or 372/43.ccls.) and (graded or transition$2) near12 (layer or film) near12 active near12 base	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 18:35
-	0	("(pn adj junction or p-n adj junction or pn-junction) near12 offset near12 graded").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:52

C:\APPS\east\workspaces\workspaces\09895213.wsp

–	0	(pn adj junction or p-n adj junction or pn-junction) near12 offset near12 graded	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:52
–	140	(pn adj junction or p-n adj junction or pn-junction) near12 offset	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:52
–	0	(pn adj junction or p-n adj junction or pn-junction) near15 offset near15 graded	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:53
–	188	(pn adj junction or p-n adj junction or pn-junction) near15 graded	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:58
–	33	(pn adj junction or p-n adj junction or pn-junction) near10 (graded near3 (layer or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:54
–	1	(pn adj junction or p-n adj junction or pn-junction) near10 (graded near3 (layer or film)) near10 band	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:56
–	3	("4032951").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 20:56
–	7	(pn adj junction or p-n adj junction or pn-junction) near15 graded and (257/101.ccls. or 372/43.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 21:07
–	19	active adj (layer or film) near15 graded and (257/101.ccls. or 372/43.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 21:42
–	2	jp-60202981$-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/01 21:42
–	18378	((257/79) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85) or (257/86) or (257/87) or (257/88) or (257/89) or (257/90) or (257/91) or (257/92) or (257/93) or (257/94) or (257/95) or (257/96) or (257/97) or (257/98) or (257/99) or (257/100) or (257/101) or (257/102) or (257/103) or (372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:51

C:\APPS\east\workspaces\workspaces\09895213.wsp

–	11	(((257/79) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85) or (257/86) or (257/87) or (257/88) or (257/89) or (257/90) or (257/91) or (257/92) or (257/93) or (257/94) or (257/95) or (257/96) or (257/97) or (257/98) or (257/99) or (257/100) or (257/101) or (257/102) or (257/103) or (372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and active adj (layer or film) near12 (graded near2 composition or graded-composition)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 10:44
–	2	jp-04120786$-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 10:30
–	4	("5476811").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:26
–	20	(US-5476811-$ or US-5159603-$ or US-5642372-$ or US-6350997-$ or US-5311539-$ or US-5329134-$ or US-5610413-$ or US-5548137-$ or US-5633527-$ or US-6072189-$ or US-4032951-$ or US-5670798-$).did. or (US-20020030195-$).did. or (JP-04120786-$ or JP-60202981-$).did. or (US-5476811-$ or JP-60202981-$ or US-4032951-$).did.	USPAT; US-PGPUB; JPO; DERWENT	2002/09/02 13:09
–	13	((US-5476811-$ or US-5159603-$ or US-5642372-$ or US-6350997-$ or US-5311539-$ or US-5329134-$ or US-5610413-$ or US-5548137-$ or US-5633527-$ or US-6072189-$ or US-4032951-$ or US-5670798-$).did. or (US-20020030195-$).did. or (JP-04120786-$ or JP-60202981-$).did. or (US-5476811-$ or JP-60202981-$ or US-4032951-$).did.) and (step or stepwise)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 10:52
–	1	257/101.ccls. and (graded or graded-composition) adj2 active adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 10:53
–	2	("5159603").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:09
–	2	("6350997").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:10
–	290	(257/101).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:39
–	0	(257/101 and graded near6 active).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:39

C:\APPS\east\workspaces\workspaces\09895213.wsp

-		5	257/101 and graded near6 active	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/02 13:40